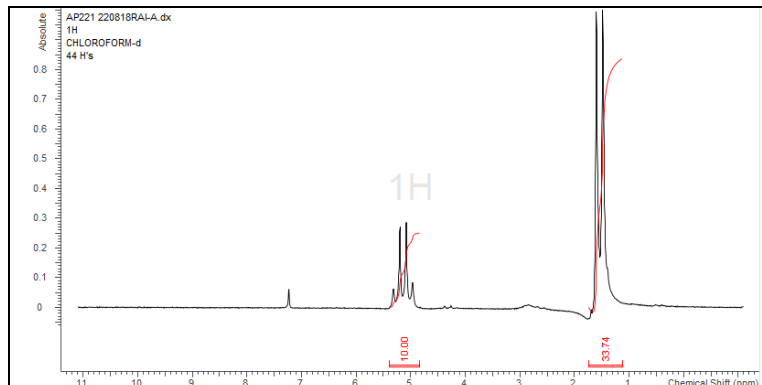


No. AP221

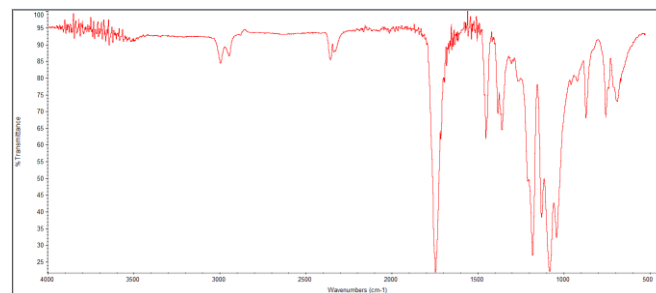
Certificate of Analysis



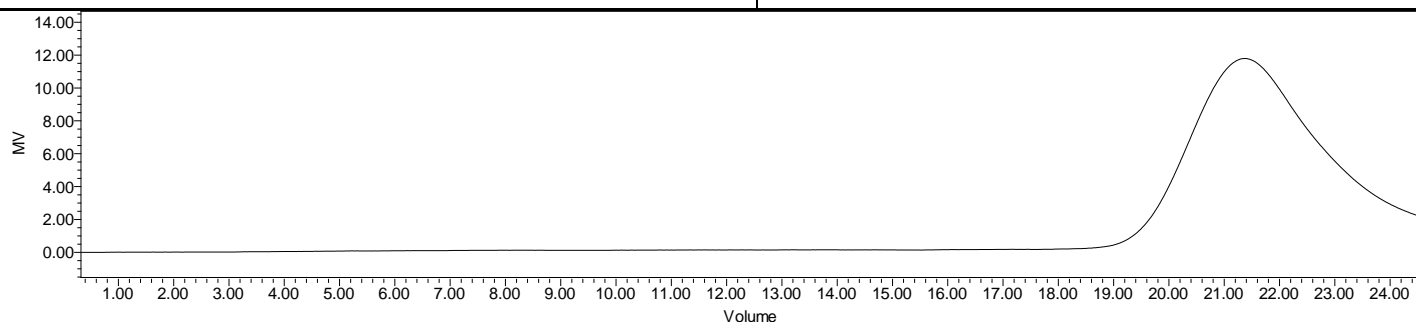
Product Name: Poly((L)lactide) acid endcap (M_n : 1,000 – 5,000 Da)
(Lot#: 220818RAI-A)



H-NMR Spectrum of copolymers in CDCl₃ (NMReady-60e, Nanalysis 60 MHz) NMR of PLLA Copolymer



FTIR Analysis: Collected from Nicolet Avatar 380 spectrometer with ATR Smart Orbit and analyzed in transmission mode.



GPC-ES Analysis Method: Waters Breeze 2 system with 1 ml/min THF flow across three GPC columns. Detection via refractive index, calibrated against polystyrene standards.

Polymer	M_n (from GPC)	M_w (from GPC)	PDI
PLLA	4978	9773	1.96

- **Structure of PLLA polymer:**

